

PTW231 AmTube 508

Article code: EWPT000004

General information

Product group	endless woven
Industry segment	Paper & print: Corrugated board
Main product feature	High grip, Abrasion resistant, Dusty environment, Non-marking
Application	Tube winders
Indication of use	Abrasive applications, High friction conveying

Belt construction

Tension layer		polyester
Number of plies		1
Top side	material	Ropan, PUR
	finish	GROUND GRIT 40
	color	white
Bottom side	material	Ropan, PUR
	finish	GROUND GRIT 40
	color	white

Technical data

Hardness	top cover	ISO 868	70A Shore	
	bottom cover	ISO 868	70A Shore	
Force at 1% elongation		ISO 21181	50 N/mm	285.51 lbs/in.
Thickness	belt		8 mm	0.31 in.
	top cover		3.2 mm	0.13 in.
	bottom cover		3.2 mm	0.13 in.
Weight			7.6 kg/m ²	1.56 lbs/ft ²
Length		from / to	2500 / 10000 mm	98.43 / 393.7 in.
Width		min. / max.	50 / 250 mm	1.97 / 9.84 in.
Operating temperature	continuous	from / to	-20 / 90 °C	-4 / 194 °F
	short	from / to	-30 / 110 °C	-22 / 230 °F
Minimum pulley diameter			80 mm	3.15 in.

Tolerances

Length	± 0.7 %	minimum ±	20 mm	0.79 in.
Width		±	1 mm	0.04 in.
Thickness		±	0.2 mm	0.01 in.

Side view



Standard AmTube range

Beltype	AmTube 500 series	AmTube 700 series
Article code	GK 1002	GK 1752
Weave	broken twill weave	broken twill weave
Fabric	polyester	polyester
Force at 1% elongation	50 N/mm	90 N/mm
Cover	PUR: white Ropan 70° Shore A	PUR: white Ropan 70° Shore A
Coefficient of friction	0.8	0.8
Total belt thickness	4 -7 mm	8 -14 mm
Tube diameter	40 mm and more	60 mm and more
Wall thickness	2 - 8 mm	4 mm and more
Necessary belt width	10 mm smaller than feed paper	10 mm smaller than feed paper
Min. Tube diameter	10x belt thickness	10x belt thickness
Temperature resistance	max. 90 °C	max. 90 °C
Belt length	2500 - 70000 mm	2500 - 70000 mm
Belt width	40 - 800 mm	40 - 800 mm
Edge finish	fully closed over min 5.0 mm	fully closed over min 5.0 mm

Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.